Bachelor of Software Engineering

Centre for IT Education (CITES)

Department of Electrical and Computer Engineering The Open University of Sri Lanka

EEI4366 – Data Modelling and Database Systems

Academic Year – 2022/2023

Lab Test - 02

Name : **A. M. Asky**

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1. Create a view named ‘SalesRepresentative’ to display details of all the employees who have a job title of a ‘SalesRep’.

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Description automatically generated

1. Create a view named ‘EmpCity’ to display the name (firstname and lastname combined), email, the job title and the city taken from ‘offices’ table.

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1. From the view created in question 2, obtain details of all the employees working as ‘SalesRep’ at the city of ‘San Francisco’.

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1. Create a view named ‘Customer\_Products’ with all the products ordered by the customers displaying the customer name, country, product name and the quantity ordered.

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1. From the view created in question 4,
2. Obtain the details of customers who ordered the product ‘1911 Ford Town Car’.

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1. Obtain the number of customers who ordered the product ‘1911 Ford Town Car’.

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1. Create a table named ‘Product\_Text’ with the given schema and use a trigger, ‘insert\_product’ to load data to it using ‘products’ table after a new record is entered into ‘products’ table. Product\_Text (productCode, productName, productVendor, quantityInStock)





1. Insert new values to the ‘products’ tables and show the values getting inserted automatically to ‘Product\_Text’ table due to the execution of the trigger created in question 6.

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1. Create a trigger, ‘delete\_product’ to delete the values in ‘Product\_Text’ table when the inserted values in ‘products’ table get deleted.

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1. Delete the inserted values from the ‘products’ tables and show the values getting deleted automatically from the ‘Product\_Text’ table as well due to the execution of the trigger created in question 8.

